

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/07276

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G06F17/60

Rec'd PCT/PTO 10 DEC 2004

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G06F17/60

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JICST FILE (JOIS), WPI, INSPEC (DIALOG)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2002-109427 A (Kabushiki Kaisha Nippon Kogyo Ginko), 12 April, 2002 (12.04.02), Full text; Figs. 1 to 10 (Family: none)	1-6
X	"Edy Tosai de Keitai Denwa wa Saifu ni Kawaru", Mobile Internet, 10 May, 2002 (10.05.02), Vol.2, No.16, pages 50 to 51, Kabushiki Kaisha Ric Telecom	1-6
X	JP 2000-029966 A (Fujitsu Ltd.), 28 January, 2000 (28.01.00), Full text; Figs. 1 to 25 & GB 2339491 A	1-6

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:
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 "E" earlier document but published on or after the international filing date
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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search
03 July, 2003 (03.07.03)

Date of mailing of the international search report
15 July, 2003 (15.07.03)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-291039 A (NEC Corp.), 19 October, 2001 (19.10.01), Full text; Figs. 1 to 3 (Family: none)	7-10
X	JP 2002-150236 A (Dainippon Printing Co., Ltd.), 24 May, 2002 (24.05.02), Full text; Figs. 1 to 5 (Family: none)	7-10
A	JP 2000-113148 A (Motorola Japan Ltd.), 21 April, 2000 (21.04.00), Full text; Figs. 1 to 3 (Family: none)	1-10
A	JP 2000-172814 A (Toppan Printing Co., Ltd.), 23 June, 2000 (23.06.00), Full text; Figs. 1 to 3 (Family: none)	1-10